

20071118.ba v04\_n109.bam.20071118

>From ???@??? Sun Nov 18 12:38:02 2007 -0600  
Date: Sun, 18 Nov 2007 18:36:54 GMT  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 4109  
Message-Id: <20071118183655.00A6347017D@srvr1.theporch.com>

BOATANCHORS Digest 4109

Topics covered in this issue include:

- 1) Odd DX-100B?  
by "Ed Sieb" <esieb@sympatico.ca>
- 2) RE: GB> Odd DX-100B?  
by "Ed Sieb" <esieb@sympatico.ca>
- 3) Colossus Active Once Again - The Ultimate Boatanchor  
by Jerry Proc <jerry7proc@yahoo.com>
- 4) More On Colossus  
by Jerry Proc <jerry7proc@yahoo.com>
- 5) Marconi "Atlanta" Comes to KPH  
by Richard Dillman <ddillman@igc.org>
- 6) Re: Marconi "Atlanta" Comes to KPH  
by Al Klase <al@ar88.net>
- 7) RE: Marconi "Atlanta" Comes to KPH  
by "Meir WF2U" <wf2u@starband.net>
- 8) Re: Marconi "Atlanta" Comes to KPH  
by Al Klase <al@ar88.net>
- 9) RE: Marconi "Atlanta" Comes to KPH  
by "Meir WF2U" <wf2u@starband.net>
- 10) Colosssus - The Ultimate Boatanchor [Resend]  
by Jerry Proc <jerry7proc@yahoo.com>
- 11) More On Colossus [resend]  
by Jerry Proc <jerry7proc@yahoo.com>
- 12) Exploding Halogen Lamps... (Vaguely BA Related)  
by Jack Harper <jharper@frobenius.com>
- 13) Re: Exploding Halogen Lamps... (Vaguely BA Related)  
by WA5JCI <wa5jci@flash.net>

---

Message-ID: <BAYC1-PASMTTP112BFA6C0B2F2CDE48AF30C9820@CEZ.ICE>  
From: "Ed Sieb" <esieb@sympatico.ca>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Odd DX-100B?  
Date: Thu, 15 Nov 2007 09:57:24 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have an odd DX-100B. It looks identical to every other DX-100B I've ever seen except that the meter has been replaced. Instead of a small black, square bakelite meter, I have a larger clear plastic meter! I have not fully examined my rig to see if an original meter can be retrofitted.

Anyone ever seen one of these rigs?

Ed, VA3ES

-----  
Message-ID: <BAYC1-PASMT13A1D9FF79646CD7D84A52C9820@CEZ.ICE>  
From: "Ed Sieb" <esieb@sympatico.ca>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: GB> Odd DX-100B?  
Date: Thu, 15 Nov 2007 10:06:21 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

OK. A good close look at that meter shows that it's replacement. It lacks any voltage scales!  
So, what I need then is an original replacement DX-100 meter.

Anyone got one?

Ed, VA3ES

-----  
I originally wrote:  
I have an odd DX-100B. It looks identical to every other DX-100B I've ever seen except that the meter has been replaced. Instead of a small black, square bakelite meter, I have a larger clear plastic meter! I have not fully examined my rig to see if an original meter can be retrofitted.

-----  
Date: Fri, 16 Nov 2007 11:13:28 -0500 (EST)  
From: Jerry Proc <jerry7proc@yahoo.com>  
Subject: Colossus Active Once Again - The Ultimate Boatanchor  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Message-ID: <371958.26735.qm@web90607.mail.mud.yahoo.com>

Hello Everyone,

The British wartime Colossus computer used to crack German Engima codes is now active after a 14 year restoration project.

See: <http://news.bbc.co.uk/1/hi/technology/7094881.stm>

\*\*\*\*\*

>From a man on the ground at Bletcheley Park:

I was down at BP yesterday. A friend wanted to visit for the first time.

BBC Radio 4 had transmitted a piece about the challenge at 08:56.  
Just every now and then a piece captures the real heart of the event.

At BP were the BBC, the British Forces Broadcasting Service - and others.

There was a real buzz about the place and the H Block exhibits really come into their own. Receivers were crackling, undulators were undulating and recording the incoming signals, Heath-Robinson and Tunny looked on.

Colossus was looking Colossal and nicely on-form. Tony and Cliff were with Colossus, answering questions of reporters and visitors to H Block.

Information that the NSA and GCHQ would 'have a go too' really warmed the cockles and made us smile.

The weather was great foe humans (cold and crisp, blue skies) but not so good for propagating radio signals from Paderborn. The Milton Keynes Amateur Radio club were on site (they have a permanent station at BP) and anyone who wished to could see the signals coming in.

Fortunately, signals were repeated at regular intervals and on various bands.

You might have guessed - I really enjoyed being there.

John Alexander

\*\*\*\*\*

>From someone on the restoration team:

> Further to this, we are absolutely delighted to announce that the Colossus Rebuild Team cracked the code at 1315hrs today after a running time of around 3 hours and 35 minutes.

We would also like to warmly congratulate the German amateur enthusiast who beat Colossus to it!

--

Regards,  
Jerry Proc  
E-mail: [jerry7proc@yahoo.com](mailto:jerry7proc@yahoo.com)

---

Yahoo! Canada Toolbar: Search from anywhere on the web, and bookmark your favourite sites. Download it now at <http://ca.toolbar.yahoo.com>.

---

Date: Sat, 17 Nov 2007 11:43:10 -0500 (EST)  
From: Jerry Proc <[jerry7proc@yahoo.com](mailto:jerry7proc@yahoo.com)>  
Subject: More On Colossus  
To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit  
Message-ID: <718262.56399.qm@web90602.mail.mud.yahoo.com>

Hello Everyone,

Here are some additional details about the German codebreaker who beat Colossus at the code breaking challenge several days ago.

[http://news.yahoo.com/s/ap/20071117/ap\\_on\\_hi\\_te/britain\\_wwii\\_computer;\\_ylt=A](http://news.yahoo.com/s/ap/20071117/ap_on_hi_te/britain_wwii_computer;_ylt=A)

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SO HOW WAS COLOSSUS REBUILT?

If there were only photographs to go by, how did the Team know what architecture and components to use in the rebuild ? It was mainly due to favourable circumstances. The Colossus project had important input from some of the original designers and engineers who constructed it along with some drawings which they had kept since WWII. Among them was Arnold Lynch, who constructed the high-speed reader system.

Tommy Flowers, the chief designer, provided assistance from 1995 until his passing in 1998. Colossus had used standard telephone exchange equipment for the design. Lots of this used equipment is still available after it is stripped out of old telephone exchanges. Finally, the rest was worked out by Tony Sale and his team from the National Museum of Computing.

Apparently, one of the original WWII tubes is still fitted and working in Colossus. The team take great care in slowly warming up the machine to full operating temperature.

P.S. In my original announcement I said that Colossus was used to decode Enigma traffic. This was a typo on my part and should have read as Lorenz traffic.

--

Regards,  
Jerry Proc  
E-mail: [jerry7proc@yahoo.com](mailto:jerry7proc@yahoo.com)

Be smarter than spam. See how smart SpamGuard is at giving junk email the boot with the All-new Yahoo! Mail. Click on Options in Mail and switch to New Mail today or register for free at <http://mail.yahoo.ca>

-----  
Message-ID: <23097475.1195356157790.JavaMail.root@mswamui-cedar.atl.sa.earthlink.net>

Date: Sat, 17 Nov 2007 19:22:37 -0800 (GMT-08:00)

From: Richard Dillman <[ddillman@igc.org](mailto:ddillman@igc.org)>

To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>

Subject: Marconi "Atlanta" Comes to KPH

Mime-Version: 1.0

Content-Type: text/plain; charset=UTF-8

Content-Transfer-Encoding: 7bit

One of our long term goals at the MRHS is to accurately recreate a vintage KPH operating position. Position 1 was always the primary position so that's been the target.

We have had most of what we needed to do that for a while now, using artifacts from the station and parts of our personal collections. But one thing was missing: a Marconi "Atlanta" receiver.

After years of searching on eBay one finally showed up in excellent condition. Today, we loaded it into the operating room at the KPH receiving station - with the help of a couple of strong guests! The Atlanta certainly deserves the honorary title of a real boatanchor. Best of all... it works!

Take a look at our new receiver at:

<http://www.radiomarine.org/Atlanta/Atlanta-01.jpg>

The operating position we hope to recreate may be seen here:

<http://www.radiomarine.org/Atlanta/Atlanta-02.jpg>

The operator shown is Bill Meloney. Bill, a Quaker, would not fight in WWII. But he sailed as a Radio Officer in the Merchant Marine, where the casualties were as great or greater than for combat. He was torpedoed twice and after the war became one of the best Morse operators KPH ever saw. The recreation of Position 1 of that particular vintage is intended to honor the memory of "WM".

The top receiver on the right side is a Radiomarine CRM R-6A, which I have in my collection. See it at:

<http://www.radiomarine.org/CRM-R6A/>

The lower receiver on the right is a HRO-500. We have two original KPH HRO-500s, one of which might be the very one in the photo. We do not have the low frequency preamplifier shown above the HRO so the search continues for that item.

On top of the middle rack is the cubby hole storage for each operator's bug. Luckily, that was saved from destruction years ago by Denice's husband so we have it today.

We also have the rack itself, the antenna selection panel with the white buttons, the four speaker panel at the bottom of the rack and a radio room clock as shown to the left. Unless we unearth a transmitter control panel (the panel with the yellow tally lights) in some dark corner of the store room we'll have to construct that.

There are a lot of questions we have to answer before starting on the project - such as where the restored operating position would go. But with the acquisition of the Atlanta receiver we now have just about everything needed to begin.

REQUEST: If you a manual for the Marconi Atlanta or know where we might find one, please let me know.

VY 73,

RD

=====  
Richard Dillman, W6AWO  
Chief Operator, Coast Station KSM  
Maritime Radio Historical Society  
<http://www.radiomarine.org>  
=====

-----  
Message-ID: <473FB2DC.4090908@ar88.net>  
Date: Sat, 17 Nov 2007 22:34:52 -0500  
From: Al Klase <al@ar88.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Marconi "Atlanta" Comes to KPH  
Content-Type: text/plain; charset=UTF-8; format=flowed  
Content-Transfer-Encoding: 7bit

RD,

Congratulations! Isn't that actually "Atalanta"? Check the front panel. And, can anyone tell us why?

73,  
Al

Richard Dillman wrote:

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>

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>  
> VY 73,  
>



> RD  
>  
>  
>  
>  
>  
> =====  
> Richard Dillman, W6AWO  
> Chief Operator, Coast Station KSM  
> Maritime Radio Historical Society  
> <http://www.radiomarine.org>  
> =====  
>  
>  
>

--

Al Klase - N3FRQ  
Flemington, NJ  
<http://www.skywaves.ar88.net/>

-----  
From: "Meir WF2U" <wf2u@starband.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Marconi "Atlanta" Comes to KPH  
Date: Sat, 17 Nov 2007 22:39:43 -0500  
Message-ID: <00b501c82994\$aa012700\$0300a8c0@MBDCONSULTING.LOCAL>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="windows-1250"  
Content-Transfer-Encoding: 7bit

Richard and the crew at KPH,

Great find! Enjoy the Atlanta. I have one in excellent condition, I'm enjoying it and it's one of the best professional receivers of its era. Did you get it with the AC supply mounted inside the cabinet? Mine has the original AC supply factory mounted in the cabinet. The CRM-R6A is a great receiver as well - I have the previous model, the AR-8516 which of course is very similar and looks the same. In fact, I collect marine and Navy receivers (and if I can find, transmitters as well...)

Thanks for sharing the news and the photos.

73, Meir WF2U  
Landrum, SC

-----Original Message-----

From: owner-boatanchors@theporch.com [mailto:owner-boatanchors@theporch.com]  
On Behalf Of Richard Dillman

Sent: Saturday, November 17, 2007 10:23 PM  
To: Old Tube Radios  
Subject: Marconi "Atlanta" Comes to KPH

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Chief Operator, Coast Station KSM  
Maritime Radio Historical Society  
<http://www.radiomarine.org>  
=====

No virus found in this incoming message.  
Checked by AVG Free Edition.  
Version: 7.5.503 / Virus Database: 269.16.0/1135 - Release Date: 11/16/2007  
10:58 PM

No virus found in this outgoing message.  
Checked by AVG Free Edition.  
Version: 7.5.503 / Virus Database: 269.16.0/1135 - Release Date: 11/16/2007  
10:58 PM

-----  
Message-ID: <473FB54F.9010802@ar88.net>  
Date: Sat, 17 Nov 2007 22:45:19 -0500  
From: Al Klase <al@ar88.net>

MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Marconi "Atlanta" Comes to KPH  
Content-Type: text/plain; charset=UTF-8; format=flowed  
Content-Transfer-Encoding: 8bit

Just answered my own question.

From Wikipedia:

\*Atalanta\* (Greek  
<[http://en.wikipedia.org/wiki/Greek\\_language](http://en.wikipedia.org/wiki/Greek_language)>:\*Αταλάντη\*, meaning  
"balanced") is a character from ancient Greek mythology  
<[http://en.wikipedia.org/wiki/Greek\\_mythology](http://en.wikipedia.org/wiki/Greek_mythology)>. Her father, Schoeneus  
<<http://en.wikipedia.org/wiki/Schoeneus>> or Iasius  
<<http://en.wikipedia.org/wiki/Iasius>> (Iasus, Iasion), wanted a son so  
badly that when Atalanta was born, he left her in the middle of the  
woods to die. Artemis <<http://en.wikipedia.org/wiki/Artemis>> sent a  
female bear <<http://en.wikipedia.org/wiki/Bear>> to suckle her and  
eventually a group of hunters raised her.....

The progression of Marconi maritime receivers was: 1017 "Mercury" 1953,  
1018 "Electra" 1953, 2207C "Atalanta" 1958, and "Apollo" 1970. (Per  
Osterman)

Al

Al Klase wrote:

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>  
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To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Marconi "Atlanta" Comes to KPH  
Date: Sat, 17 Nov 2007 22:52:14 -0500

Message-ID: <00be01c82996\$69c46150\$0300a8c0@MBDCONSULTING.LOCAL>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-7"  
Content-Transfer-Encoding: quoted-printable

An of course I know it is Atalanta, I just copied the way it was written =  
in  
RD's original message when I replied...

73, Meir WF2U  
Landrum, SC

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<[http://en.wikipedia.org/wiki/Greek\\_language](http://en.wikipedia.org/wiki/Greek_language)>:\*=C1=F4=E1=EB=DC=ED=F4=E7\*, =  
meaning=  
"balanced") is a character from ancient Greek mythology=  
<[http://en.wikipedia.org/wiki/Greek\\_mythology](http://en.wikipedia.org/wiki/Greek_mythology)>. Her father, Schoeneus=  
<<http://en.wikipedia.org/wiki/Schoeneus>> or Iasius=  
<<http://en.wikipedia.org/wiki/Iasius>> (Iasus, Iasion), wanted a son so=  
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11/16/2007  
10:58 PM  
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Date: Sun, 18 Nov 2007 09:57:54 -0500 (EST)  
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Subject: Colosssus - The Ultimate Boatanchor [Resend]  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit  
Message-ID: <971999.17666.qm@web90610.mail.mud.yahoo.com>

[Not sure if this message made it to the list, so I'm  
resending it]

Hello Everyone,

The British wartime Colossus computer used to crack  
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See: <http://news.bbc.co.uk/1/hi/technology/7094881.stm>

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I was down at BP yesterday. A friend wanted to visit  
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Jerry Proc  
E-mail: [jerry7proc@yahoo.com](mailto:jerry7proc@yahoo.com)

Be smarter than spam. See how smart SpamGuard is at giving junk email the boot with the All-new Yahoo! Mail. Click on Options in Mail and switch to New Mail today or register for free at <http://mail.yahoo.ca>

-----  
Date: Sun, 18 Nov 2007 11:05:29 -0500 (EST)  
From: Jerry Proc <[jerry7proc@yahoo.com](mailto:jerry7proc@yahoo.com)>  
Subject: More On Colossus [resend]  
To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1

Content-Transfer-Encoding: 8bit  
Message-ID: <445466.77948.qm@web90608.mail.mud.yahoo.com>

[Not sure if this message is making out to list subscribers].

Hello Everyone,

Here are some additional details about the German codebreaker who beat Colossus at the code breaking challenge several days ago.

[http://news.yahoo.com/s/ap/20071117/ap\\_on\\_hi\\_te/britain\\_wwii\\_computer;\\_ylt=A](http://news.yahoo.com/s/ap/20071117/ap_on_hi_te/britain_wwii_computer;_ylt=A)

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--

Regards,  
Jerry Proc  
E-mail: [jerry7proc@yahoo.com](mailto:jerry7proc@yahoo.com)



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Date: Sun, 18 Nov 2007 11:13:37 -0700  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Jack Harper <jharper@frobenius.com>  
Subject: Exploding Halogen Lamps... (Vaguely BA Related)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"; format=flowed  
Content-Transfer-Encoding: quoted-printable  
Message-Id: <20071118181333.67F9853BD92@mpls-qmqp-02.inet.qwest.net>

Greetings to the List --

Well, amazing - I came into my office this=20  
beautiful Sunday morning to get yet more software=20  
written/cranked-out and there was glass=20  
everywhere -- the little Quartz-Halogen lamp on=20  
my desk had exploded (I forgot and left it on=20  
when I left Saturday night) - clearly with great=20  
fury. I have never seen anything like it -- glass=20  
literally embedded into the wood of my desk and=20  
burn marks on paper (and on the wood) where shards came to rest.

It easily could have started a fire - several=20  
pieces melted (literally) through the fabric of=20  
my desk chair and left two quarter-inch blackened holes.

Is it normal for a halogen lamp to explode like=20  
that? It was a 50-watt bulb - one of those little=20  
things about half an inch in diameter and an inch=20  
or so long. I bet it sounded like a gun shot when it let go.

Glass - little tiny pieces - thousands of them -=20  
are everywhere out to about ten feet or so.=20  
Amazing. I am just glad that I was not here when=20  
it exploded - my glasses would probably have=20  
saved my eyes from the hot stuff bouncing off the=20  
wood of my desk but it certainly would have scared hell out of me.

I went to Walmart and bought a replacement bulb=20  
(GE - "Made in China") and one of the usual=20  
extensive/ignored warnings printed on the carton=20  
say, "Pressurized lamp - unexpected rupture may=20  
cause injury, fire, or property damage." I love=20  
that "rupture" - sounds like a gentle pop...

I think a more accurate warning would be, "Highly=20  
pressurized and very hot lamp that may explode=20  
with great violence at any time for no apparent=20  
reason in which case everything within ten to=20  
fifteen feet will be peppered with red-hot glass=20  
and metal shrapnel that will burn and/or melt=20  
anything that is in the line of fire. Blindness=20  
may easily result. Wear heavy glasses or goggles=20  
when in the vicinity of an operating lamp. Ear=20  
protection may also be warranted. Good luck and may God be with you." :)

Does anyone have any idea why a halogen bulb=20  
might explode like that?? I wonder what the=20  
internal pressure of such a thing might be??=20  
Anyone understand how they work - a halogen gas=20  
surrounding a hot filament emits, apparently, a=20  
very intense white light (ionization of the,=20  
what, Xe gas caused by just the hot filament??).=20  
I wonder what the physics of that is... Clearly=20  
it operates in a way very different from a neon tube etc...

Regards to the List --

Jack, W=D8YJ ("Friend to all things Hammarlund")  
Evergreen, Colorado USA

oh yes - supposed to be "Vaguely BA Related".=20  
This halogen lamp reminded me of when I was a=20  
just licensed (WN5VQF) novice ham back in 1967=20  
and an electrolytic filter capacitor in the power=20  
supply of my Heathkit DX-35 transmitter exploded=20  
while I was operating CW on 15-meters and it=20  
spewed hot black "goo" everywhere inside the=20  
chassis with great fanfare :) It sounded like a .22 going off.

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Message-Id: <7.0.1.0.1.20071118123350.01a29418@flash.net>  
Date: Sun, 18 Nov 2007 12:35:23 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: WA5JCI <wa5jci@flash.net>  
Subject: Re: Exploding Halogen Lamps... (Vaguely BA Related)  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

What would have happened if you were sitting at the desk? I'd switch  
to incandescent.

de Pete WA5JCI

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End of BOATANCHORS Digest 4109

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